



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number LG Chem Ltd c/o Ag-Chem Consulting 12644 Chapel Rd Clifton VA 20124	EPA Registration Number/File Symbol 71532-1
Active Ingredient(s) and/or representative test compound(s) Permethrin	Date 10-31-18
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Food, Nonfood, public health insecticide	Product Name LG Permethrin Technical Insecticide

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT (Check one method only)**

<input type="checkbox"/> I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).	<input checked="" type="checkbox"/> I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).
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**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature <i>Matthew Brooks</i>	Date 10-31-18	Typed or Printed Name and Title Matthew Brooks, Reg Agent
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Form Approved OMB No. 2070-0060

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DATA MATRIX

Date 12-11-19			EPA Reg No./File Symbol 71532-1		Page 1 of 3
Applicant's/Registrant's Name & Address LG Chem Ltd, c/o Ag-Chem Consulting, 12644 Chapel Rd Suite 108, Clifton VA 20124			Product LG Permethrin Technical Insecticide		
Ingredient					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	44707101	LG Chem Ltd	Own	
830.1600	Description of materials used to produce the product	44707101	LG Chem Ltd	Own	
830.1620	Description of production process	44707101	LG Chem Ltd	Own	
830.1650	Description of formulation process	NA			1
830.1670	Discussion of formulation process	44706701	LG Chem Ltd	Own	
830.1700	Preliminary Analysis	44706701	LG Chem Ltd	Own	
830.1750	Certified limits	44707101	LG Chem Ltd	Own	
830.1800	Enforcement analytical method	44706701	LG Chem Ltd	Own	
830.6302	Color	44707201	LG Chem Ltd	Own	
830.6303	Physical State	44707201	LG Chem Ltd	Own	
830.6304	Odor	44707201	LG Chem Ltd	Own	
830.6313	Stability to sunlight, normal and elevated temperatures, etc.	44707201	LG Chem Ltd	Own	
830.6314	Oxidizing or Reducing action	NA			2
830.6315	Flammability	NA			3
830.6316	Explosibility	NA			4
Signature 			Name and Title Matthew Brooks, Director, Ag-Chem Consulting		Date 12-11-19






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Ingredient					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48544801	LG Chem Ltd	Own	
830.6319	Miscibility	NA			5
830.6320	Corrosion Characteristics	48544801	LG Chem Ltd	Own	
830.6321	Dielectric breakdown voltage	NA			6
830.7000	pH	44707201	LG Chem Ltd	Own	
830.7050	UV/Visible Absorption	44707201	LG Chem Ltd	Own	
830.7100	Viscosity	NA			7
830.7200	Melting point	44707201	LG Chem Ltd	Own	
830.7220	Boiling point	NA			8
830.7300	Density/relative density	44707201	LG Chem Ltd	Own	
830.7370	Dissociation constant in water	NA			9
830.7550	Partition coefficient (n-octano/water), shake flask method	44707201	LG Chem Ltd	Own	
830.7570	Partition coefficient (n-octano/water), estimation by liquid	44707201	LG Chem Ltd	Own	
830.7840	Water Solubility: Column elution method, shake flask method	44707201	LG Chem Ltd	Own	
830.7860	Water Solubility: Generator Column Method	44707201	LG Chem Ltd	Own	
Signature 			Name and Title Matthew Brooks, Director, Ag-Chem Consulting		Date 12-11-19

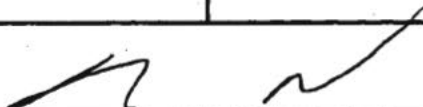


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Ingredient					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7950	Vapor Pressure	44707201	LG Chem Ltd	Own	
830.1700	Preliminary Analysis	49730501	LG Chem Ltd		
830.1700	Preliminary Analysis	48954902	Tagros Chemical	Per	
870.1100	Acute Oral Toxicity	44707301	LG Chem Ltd	Own	
870.1200	Acute Dermal Toxicity	44707302	LG Chem Ltd	Own	
870.1300	Acute Inhalation Toxicity	44707303	LG Chem Ltd	Own	
870.2400	Acute Eye Toxicity	44707304	LG Chem Ltd	Own	
870.2500	Acute Dermal Irritation	44707305	LG Chem Ltd	Own	
870.2600	Skin Sensitization	44707306	LG Chem Ltd	Own	
870.7200	Companion Animal Safety	NA			10
810.3300	Treatments to control pests of humans and pets	NA			10
810.3500	Premises treatments	NA			11
	All Generic Data		Any	Pay	
Signature 			Name and Title Matthew Brooks, Director, Ag-Chem Consulting		Date 12-11-19

**Notes:**

- 1- Not Applicable. Product is a TGAI not a formulated product.**
- 2- Will be submitted upon request.**
- 3-Not Applicable. This technical material is neither an oxidizing or reducing agent,**
- 4-Not Applicable. Product is not flammable.**
- 5-Not Applicable. Product is not explosive.**
- 6-Not Applicable. Product is not an emulsifiable liquid.**
- 7-Not Applicable. Product is not for use around electrical equipment.**
- 8- Not Applicable. Product is a solid.**
- 9- Not Applicable. Product is not a liquid.**
- 10- Not Applicable. Product is not ionizable.**
- 11-Not Applicable. Product is not fibrous.**